

Focus Area 16: Maternal, Infant, and Child Health

Objective 16-3b targets the reduction in deaths among adolescents aged 15-19 years to a rate of 38.0 per 100,000 population.

A total of 1,520 deaths among adolescents aged 15-19 were reported in 2004, at a rate of 56.5 per 100,000 population (Figure 16-3b, Table 16-3b). No significant trends were found in the death rates for this age group since 2000. California's death rates for adolescents aged 15-19 were significantly higher than the HP2010 target, and the objective has not yet been achieved.

Examined by gender, death rates for males aged 15-19 (81.8 per 100,000 in 2004) were significantly higher than those for females aged 15-19 (29.8 per 100,000 in 2004). The HP2010 objective is being achieved for females, but not for male adolescents aged 15-19 as of 2004.

Data by race-ethnicity show that the highest reliable death rates among adolescents aged 15-19 were for African Americans/Blacks (109.2 per 100,000 population in 2004). These rates were significantly higher than the death rates for all other racial and ethnic populations aged 15-19, and significantly higher than the HP2010 target. The next highest death rates among adolescents aged 15-19 were found for Hispanics/Latinos (55.2 per 100,000 in 2004), followed by Whites (53.8 per 100,000 in 2004), and Asians (39.7 per 100,000 in 2004). The HP2010 objective is not being achieved for any of these racial and ethnic populations. The objective is, however, being achieved for Multirace adolescents (29.1 per 100,000 in 2004). Unreliable death rates due to a small number of events were found for American Indian/Alaska Native and Pacific Islander adolescents aged 15-19 years, and are not reported here.

For more information on adolescent deaths in California, visit the Maternal and Child Health Branch Web site at:

<http://www.mch.dhs.ca.gov/>

For more information on Healthy People 2010 objective 16-3b please visit:

http://www.healthypeople.gov/Document/HTML/Volume2/16MICH.htm#_Toc494699661
and
<http://www.healthypeople.gov/Document/html/tracking/od16.htm#fetaldeaths>

Figure 16-3b
Adolescent Death Rates, Ages 15-19
California, 2000-2004

Healthy People 2010 Objective = 38.0

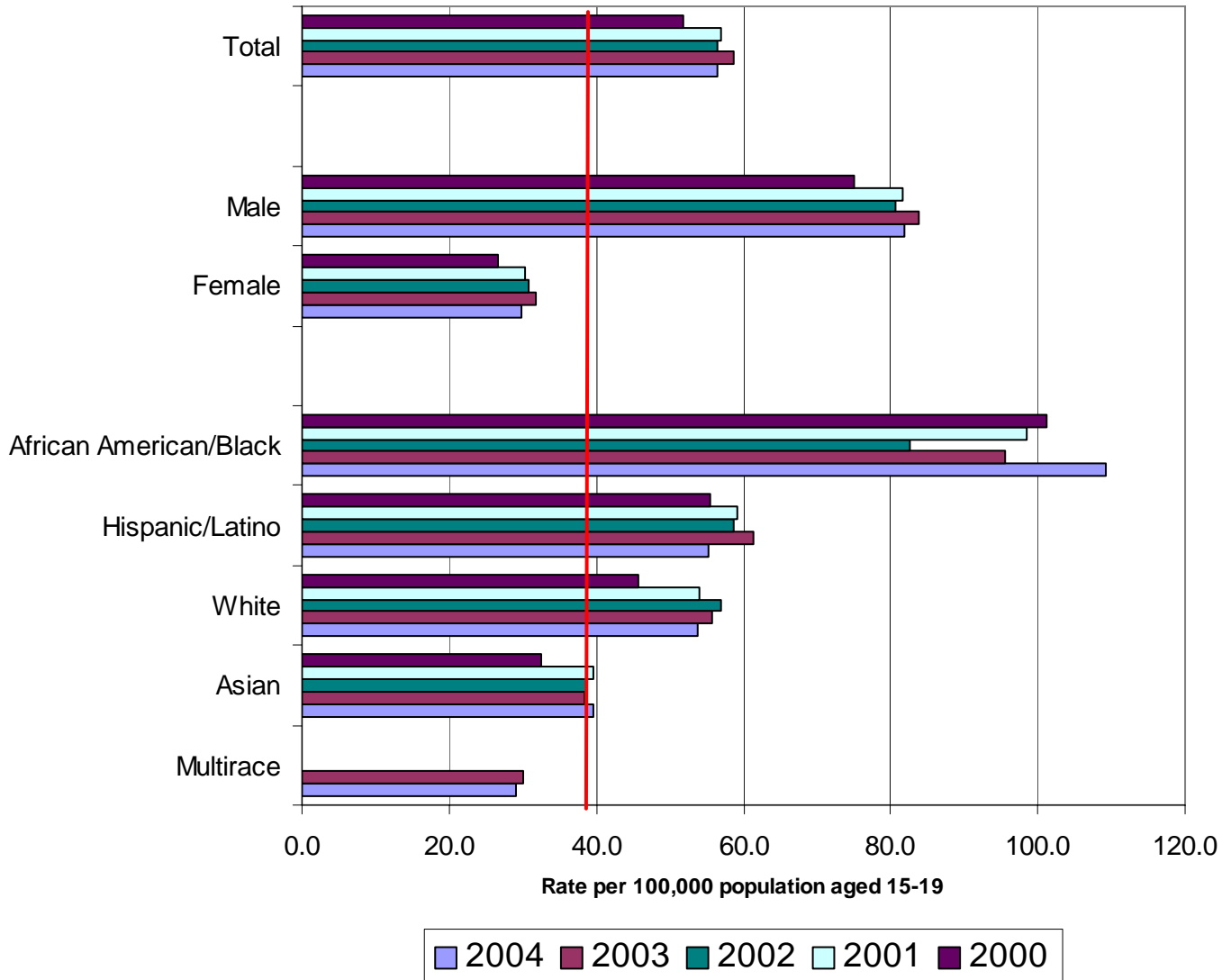


Table 16-3b: Deaths and Death Rates Among Adolescents Aged 15-19 Years, California 2000-2004

Objective 16-3b	2000		Lower Upper		2001		Lower Upper	
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		38.0				38.0		
Statewide Total	1,277	51.8	49.0	54.7	1,431	56.9	53.9	59.8
Race-Ethnicity								
African American/Black	175	101.2	86.2	116.1	180	98.5	84.1	112.9
American Indian/Alaska Native	11	DSU	-----	-----	10	DSU	-----	-----
Asian	89	32.5	25.7	39.2	109	39.6	32.2	47.0
Hispanic/Latino	552	55.4	50.8	60.0	605	59.2	54.4	63.9
Pacific Islander	12	DSU	-----	-----	3	DSU	-----	-----
White	426	45.7	41.3	50.0	510	54.1	49.4	58.8
Multirace	12	DSU	-----	-----	12	DSU	-----	-----
Gender								
Female	317	26.7	23.8	29.7	368	30.3	27.2	33.4
Male	960	75.1	70.4	79.9	1,063	81.5	76.6	86.4

Objective 16-3b	2002		Lower Upper		2003		Lower Upper	
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		38.0				38.0		
Statewide Total	1,448	56.5	53.6	59.5	1,536	58.7	55.7	61.6
Race-Ethnicity								
African American/Black	159	82.5	69.7	95.3	195	95.5	82.1	108.9
American Indian/Alaska Native	13	DSU	-----	-----	6	DSU	-----	-----
Asian	105	38.6	31.2	46.0	102	38.3	30.9	45.8
Hispanic/Latino	616	58.7	54.0	63.3	667	61.4	56.7	66.0
Pacific Islander	9	DSU	-----	-----	10	DSU	-----	-----
White	541	57.0	52.2	61.8	535	55.8	51.1	60.6
Multirace	4	DSU	-----	-----	21	30.1	17.3	43.0
Gender								
Female	382	30.9	27.8	34.0	404	31.8	28.7	35.0
Male	1,066	80.6	75.7	85.4	1,132	83.9	79.0	88.8

Objective 16-3b	2004		Lower Upper		5-year	HP2010 Objective
	N	Rate ¹	95% C.I.	95% C.I.	Trend	Being Achieved?
Healthy People 2010 Target		38.0				
Statewide Total	1,520	56.5	53.7	59.4	ns	No
Race-Ethnicity						
African American/Black	233	109.2	95.2	123.3	ns	No
American Indian/Alaska Native	8	DSU	-----	-----	n/a	Unk
Asian	109	39.7	32.3	47.2	ns	No
Hispanic/Latino	626	55.2	50.9	59.6	ns	No
Pacific Islander	5	DSU	-----	-----	n/a	Unk
White	517	53.8	49.1	58.4	ns	No
Multirace	21	29.1	16.6	41.5	ns	Yes
Gender						
Female	389	29.8	26.8	32.8	ns	Yes
Male	1131	81.8	77.0	86.5	ns	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Includes all causes of death, ICD-10 codes A00 - Z99.

¹ Rate per 100,000 population aged 15 - 19 years.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points).

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).